

Converting Colors

CIELCh(95, 8.843, 248.219)

Have a look what the booklet for
CIELCh(95, 8.843, 248.219) contains.

CIELCh(95, 8.345, 246.963)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 8.345, 246.963)

Conversions

Conversions Part 1

Format	Color
Hex	E2F3FF
RGB	226, 243, 255
RGB Percent	89%, 95%, 100%
CMY	0.1131, 0.0464, 0.0000
CMYK	0.11, 0.05, 0.00, 0.00
HSL	205°, 100%, 94%
HSV	205°, 11%, 100%
XYZ	81.5850, 87.6183, 107.3530
YIQ	239.2850, -13.9840, 0.1280

Conversions

Conversions Part 2

Format	Color
R _Y B	226, 237, 255
Decimal	14873599
CIE Lab	95.00, -3.27, -7.68
CIE LCh	95, 8.345, 246.963
Yxy	87.6183, 0.2950, 0.3168
Android (android.graphics.Color)	4293063679 (0xFFE2F3FF)
YUV	239.2850, 7.7475, -11.6509
Hunter-Lab	93.6047, -8.2292, -2.4751

Details

The CIELCh color `95, 8.345, 246.963` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `95, 8.663, 63.901`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 8.100, 246.442` is the 20% darker color. If you saturate the color by 10%, you get `91, 15.392, 247.957`, and if you desaturate by 10%, it is `99, 0.978, 245.826`.

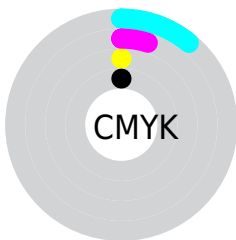
Distribution



- Red (89%)
- Green (95%)
- Blue (100%)



- Red (89%)
- Yellow (93%)
- Blue (100%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.345, 246.963 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 95, 8.345, 246.963 by changing the saturation by 10% instead.

 95, 8.345, 246.963

 95, 8.345, 246.963

 100, 8.345,
246.963

 85, 8.345, 246.963

 75, 8.345, 246.963

 65, 8.345, 246.963

 55, 8.345, 246.963

 45, 8.345, 246.963

 35, 8.345, 246.963

 25, 8.345, 246.963

 15, 8.345, 246.963

 5, 8.345, 246.963

95, 8.345, 246.963

95, 8.345, 246.963

91, 15.392,
247.957

99, 0.978, 245.826

86, 22.239,
249.702

100, 0.012,
296.813

82, 28.775,
251.837

78, 34.959,
254.436

74, 40.776,
257.573

70, 46.255,
261.302

67, 51.488,
265.625

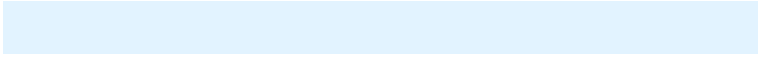
64, 56.626,
270.456

■ 61, 61.184,
274.836

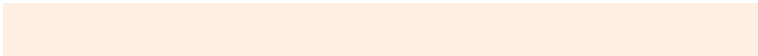
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



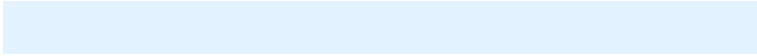
95, 8.345, 246.963



95, 8.663, 63.901

Rectangle

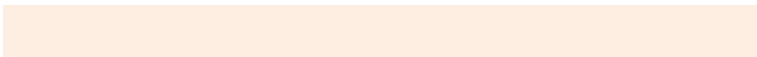
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 8.345, 246.963



95, 8.345, 296.963



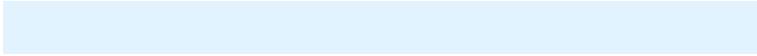
95, 8.345, 66.963



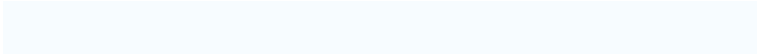
95, 8.345, 116.963

Sweetspot

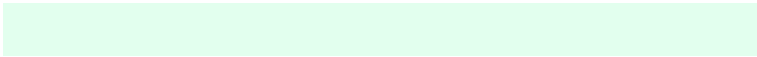
The Sweet Spot groups the original color and five complimentary colors.



95, 8.287, 246.544



99, 2.224, 245.711



98, 13.499, 157.778



52, 1.683, 245.752



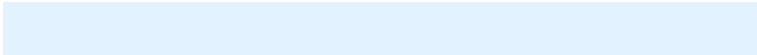
0, 0.000, 0.000



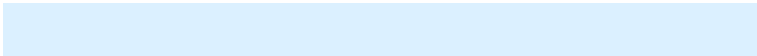
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 8.287, 246.544



94, 10.219, 246.893



91, 13.473, 287.099



51, 4.175, 246.324



46, 48.568, 273.896



14, 20.251, 266.750

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



93, 13.527, 339.970



91, 16.782, 340.198



99, 13.198, 104.604



50, 6.787, 339.818



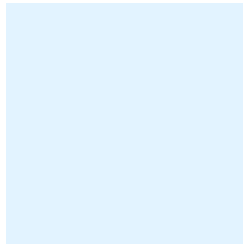
42, 70.045, 353.888



11, 32.987, 349.703

Previews

White Background



This preview shows how the CIE LCh color 95, 8.345, 246.963 looks on a white background.

Color Contrast Check

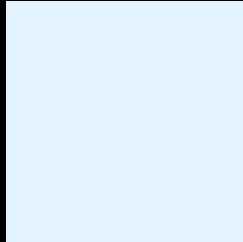
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 95, 8.345, 246.963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

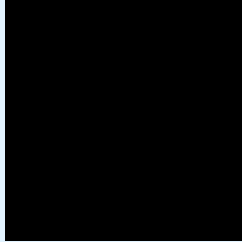
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

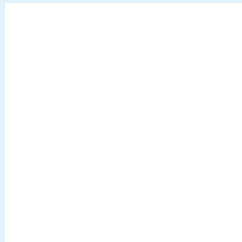
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 8.345, 246.963

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.345, 246.963.

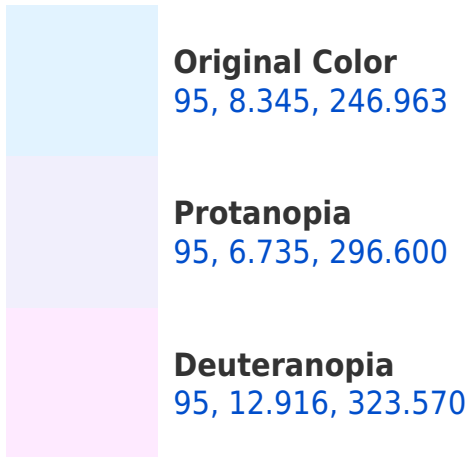


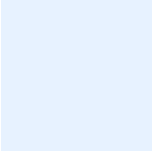
This preview shows how white text looks on a background with the CIELCh color 95, 8.345, 246.963.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

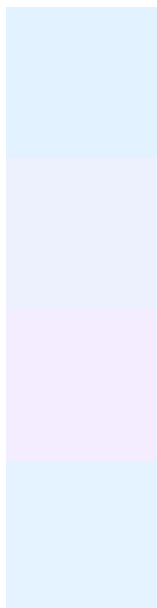
Dichromacy





Tritanopia
95, 7.592, 261.110

Trichromacy



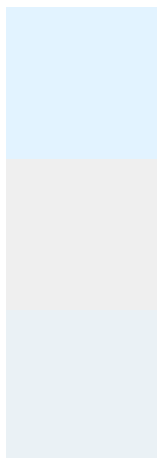
Original Color
95, 8.345, 246.963

Protanomaly
95, 6.373, 275.022

Deuteranomaly
95, 9.610, 305.448

Tritanomaly
95, 7.933, 256.823

Monochromacy



Original Color
95, 8.345, 246.963

Achromatopsia
94, 0.011, 296.813

Achromatomaly
95, 3.164, 240.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.345, 246.963 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(226, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 243, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 243, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.345, 246.963 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 243, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(226, 243, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(226, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 243,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.345, 246.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 243, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
243, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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